

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-06 14:23:57

Date of Next Testing: 2027-01-06 14:23:57

Product Name: **1-(Trifluoroacetyl)imidazole**

CAS Number: 1546-79-8

Specifications & Purity:  $\geq 98\%$

Lot #: D2112076

SKU #: **T122809**

Version: **0**

Analysis #: **421100**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values               | Result                     |
|-----------------------------------------|----------------------------|----------------------------|
| Purity(GC)                              | 98-100 (%)                 | 99.02000 %                 |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)             | 100.82500 %                |
| Appearance (T122809)                    | Colorless to Orange Liquid | Colorless to Orange Liquid |
| Infrared spectrum                       | Conforms to Structure      | Conforms to Structure      |
| Proton NMR spectrum                     | Conforms to Structure      | Conforms to Structure      |



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QA & QC Manager